

CLAIMS

What is claimed is:

1. Apparatus for in-vehicle provision of audio content to a listener, comprising:

a cellular telephone adapted to receive broadcast radio content over a wireless network; and

an in-vehicle audio system, adapted to be fixedly installed in a vehicle, and coupled to receive the broadcast radio content from the cellular telephone, and to play the content in the vehicle.

2. Apparatus according to claim 1 wherein the cellular telephone is adapted to receive the broadcast radio content over the wireless network at a time when the radio content is not being broadcast over radio channels.

3. Apparatus according to claim 1 wherein the cellular telephone is adapted to receive the broadcast radio content over the wireless network at a location where the radio content cannot be received over radio channels.

4. Apparatus according to claim 1 wherein the broadcast radio content received over the wireless network is user-selected.

5. Apparatus according to claim 4 wherein the cellular telephone is adapted to receive from a user, an input comprising at least one detail regarding the broadcast radio content to be received, and to transmit the at least one detail to a content provider over the wireless network.

1 6. Apparatus according to claim 5 wherein the input
2 comprises a verbal input.

1 7. Apparatus according to claim 5 wherein the cellular
2 telephone comprises buttons, and wherein the input
3 comprises contacting the buttons.

1 8. Apparatus according to claim 4 wherein the audio
2 system is adapted to receive, from a user, an input
3 comprising at least one detail regarding the broadcast
4 radio content to be received, and to transmit the at least
5 one detail to the cellular telephone.

1 9. Apparatus according to claim 8 wherein the
2 in-vehicle audio system can function as a radio
3 independent of the cellular phone, and is adapted to
4 receive, as the input, at least one identification detail
5 of the radio station to which the radio is tuned.

1 10. Apparatus according to claim 9 wherein the at least
2 one identification detail is selected from the group
3 consisting of radio station name, radio station ID code,
4 radio station broadcast frequency, and radio station URL.

1 11. Apparatus according to claim 9 wherein the at least
2 one identification detail is stored in a memory in the
3 cellular telephone.

1 12. Apparatus according to claim 1 wherein the wireless
2 network is the Internet and the cellular telephone is WAP
3 enabled.

1 13. Apparatus according to claim 1 wherein the cellular
2 telephone communicates with the wireless network using a
3 packet-oriented cellular protocol.

1 14. Apparatus according to claim 13 wherein the wireless
2 network is a GSM network and the packet-oriented cellular
3 protocol is General Packet Radio Service (GPRS).

1 15. Apparatus according to claim 1 wherein the cellular
2 telephone is adapted to transfer the audio content to the
3 in-vehicle audio system via a wireless link therebetween.

1 16. Apparatus according to claim 13 wherein the wireless
2 link uses a Bluetooth communication protocol.

1 17. Apparatus according to claim 1 wherein the cellular
2 telephone is adapted to transfer the audio content to the
3 in-vehicle audio system via a wired link therebetween.

1 18. Apparatus for storing user radio station
2 preferences, comprising:

3 a cellular telephone, having a memory; and
4 an in-vehicle audio system, adapted to be fixedly
5 installed in a vehicle and to play broadcast radio content
6 therein, and adapted to receive, from a user, at least one
7 identification detail regarding a radio station preferred
8 by the user, and to transmit the at least one detail to
9 the cellular telephone for storage in the memory.

1 19. Apparatus according to claim 18 wherein the cellular
2 telephone is adapted to transmit the at least one detail
3 of the preferred radio station to another in-vehicle audio
4 system.

1 20. Apparatus according to claim 19 wherein the other
2 in-vehicle audio system is adapted to receive the at least
3 one detail from the cellular telephone and, responsive

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4 thereto, to receive and play broadcast radio content from
5 the preferred radio station.

1 21. Apparatus according to claim 18 wherein the cellular
2 telephone is adapted to receive broadcast radio content
3 from the preferred radio station over a wireless network,
4 and

5 the other in-vehicle audio system is coupled to
6 receive the broadcast radio content from the cellular
7 telephone, and to play the content in the vehicle.

1 22. Apparatus according to claim 18 wherein the at least
2 one identification detail comprises at least one detail
3 selected from the group consisting of radio station name,
4 radio station ID code, radio station broadcast frequency,
5 and radio station URL.

1 23. A method for the in-vehicle provision of audio
2 content to a listener, the method comprising:

3 downloading broadcast radio content over a wireless
4 network to a cellular telephone;

5 transferring the content from the cellular telephone
6 to an in-vehicle audio system; and

7 playing the content on the in-vehicle audio system
8 to the listener.

1 24. A method according to claim 23 wherein the step of
2 downloading content over the wireless network is performed
3 at a time when the content is not being broadcast over
4 radio channels.

1 25. A method according to claim 23 wherein the step of
2 downloading content over the wireless network is performed

